(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220		
NIKOP064.WO	ACTION		as well as, where applicable, item 5 below.		
International application No.	International filing date (day/mo	nth/year)	(Earliest) Priority Date (day/month/year)		
PCT/US2004/037542	10/11/200	4	10/11/2003		
Applicant					
NIKON CORPORATION					
This International Search Report has been according to Article 18. A copy is being tra			nority and is transmitted to the applicant		
This International Search Report consists	of a total of	sheets.			
X It is also accompanied by	a copy of each prior art documen	t cited in this	report.		
Basis of the report		-			
a. With regard to the language, the i language in which it was filed, unlo			sis of the international application in the		
The international this Authority (Rul		is of a transl	ation of the international application furnished	i to	
b. With regard to any nucle o	otide and/or amino acid sequen	ce disclosed	in the international application, see Box No. I	١.	
2. Certain claims were four	nd unsearchable (See Box II).				
3. Unity of invention is lack	king (see Box III).			BEST	
4. With regard to the title,				S	
X the text is approved as sut	omitted by the applicant.				
the text has been establish	ned by this Authority to read as fo	lows:		AVAILABLE	
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5. With regard to the abstract,					
X the text is approved as sub	, , ,	Al-ia A. Al-authauth			
may, within one month from	n the date of mailing of this intern	ational searc	y as it appears in Box No. IV. The applicant h report, submit comments to this Authority.		
6. With regard to the drawings,					
a. the figure of the drawings to be pu	blished with the abstract is Figure	No. <u>4A</u>			
X as suggested by th					
	Authority, because the applicant Authority, because this figure bet	-	•		
	published with the abstract.	or character	· ·		

Form PCT/ISA/210 (first sheet) (January 2004)



International Application No US2004/037542

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G03F7/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ \text{IPC 7} & \text{G03F} & \text{H01L} \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, WPI Data, INSPEC, IBM-TDB

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 253 464 B1 (KLEBANOFF LEONARD E ET AL) 3 July 2001 (2001-07-03)	1-3, 31-36, 40-44
Α	column 3, lines 4-11 column 4, lines 61-64 figure 1 claim 1	14,19
X	US 2003/082030 A1 (DEL PUERTO SANTIAGO E ET AL) 1 May 2003 (2003-05-01) abstract	37-39
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Α	EP 1 120 690 A (SVG LITHOGRAPHY SYSTEMS, INC) 1 August 2001 (2001-08-01) figure 2 paragraph '0020!	32,33,36

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
14 July 2005	10/08/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer
NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Menck, A



International Application No
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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A	RADER DANIEL J ET AL: "Verification studies of thermophoretic protection for EUV masks" PROC SPIE INT SOC OPT ENG; PROCEEDINGS OF SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING 2002, vol. 4688, no. 1, 2002, pages 182-193, XP002336096 page 182 - page 183; figure 1 & DATABASE COMPENDEX 'Online! ENGINEERING INFORMATION, INC., NEW YORK, NY, US; RADER DANIEL J ET AL: "Verification studies of thermophoretic protection for EUV masks" Database accession no. E2002417128802 abstract	34,35 BESI AVAILABI 1,31,40
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